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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JCS68 U.S. PTO
10/11/01

In re Application

PATENT APPLICATION

Inventor(s): Dean Bernard Jacobs
Reto Kramer
Ananthan Bala Srinivasan

Customer No. 23910

JCS79 U.S. PTO
09/975587
10/11/01

Appl. No.: Unknown

Confirm. No.: Unknown

Filed: Herewith

Title: **LAYERED ARCHITECTURE FOR
DATA REPLICATION**

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"
UNDER 37 C.F.R. §1.10**

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I hereby certify that this correspondence is being deposited with the United States Postal Service, utilizing the "Express Mail Post Office to Addressee" service addressed to **Box PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231** and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

Matthew A. Mahling (Signature)
Matthew A. Mahling
Signature Date: October 11, 2001

UTILITY PATENT APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R. §1.53(b)

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application identified as follows:

Inventor(s): Dean Bernard Jacobs, Reto Kramer, Ananthan Bala Srinivasan

Title: **LAYERED ARCHITECTURE FOR DATA REPLICATION**

No. of pages in Specification: 44; No. of Claims: 51

No. of Sheets of Drawings: 7; Formal: , Informal: .

The filing fee pursuant to 37 C.F.R. §1.16 is determined as follows:

No. Filed	No. Extra			Rate Small Entity/ Other Than Small Entity		
Basic Fee				\$370.00 \$740.00	=	\$740.00
Total Claims <u>51</u>	- 20	=	<u>31</u> *	\$ 9.00 \$ 18.00	X	= \$558.00
Independent Claims <u>10</u>	- 3	=	<u>7</u> *	\$ 42.00 \$ 84.00	X	= \$588.00
First Presentation of Multiple Dependent Claim(s)			<u> </u>	\$140.00 \$280.00		= \$
				Total	=	<u>\$1,886.00</u>

*If the difference is less than zero, enter "0".

Please charge Deposit Account No. 06-1325 in the amount of \$_____. A duplicate copy of this authorization is enclosed.

A check in the amount of \$1,886.00 to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge underpayment of any additional fees (including those listed below) or credit any overpayment associated with this communication to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Any additional filing fees under 37 C.F.R. §1.16.

Any patent application processing fees under 37 C.F.R. §1.17.

This application is filed pursuant to 37 C.F.R. §1.53(b) in the name of the above-identified Inventors.

This application claims priority to an earlier-filed Provisional patent application, as set forth more fully in this application.

Please direct all correspondence concerning the above-identified application to the following address:

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Respectfully submitted,

Date: 10/11/01

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